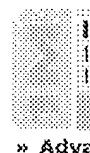


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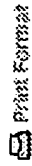
JNL = Journal or Magazine CNF = Conference STD = Standard

- 1 **A neuronal model of sound location map generated based on multiplicative binding of ITD and IID information**
Maeda, K.; Ohta, M.; MeiHong Zheng; Kashimori, Y.; Kambara, T.;
Neural Information Processing, 2002. ICONIP '02. Proceedings of the 9th International Conference on , Volume: 1 , 18-22 Nov. 2002
Pages:20 - 24 vol.1

[Abstract] [PDF Full-Text (524 KB)] IEEE CNF

- 2 **An FPGA controller for the image transceiver device**
Thirer, N.; David, Y.; Zedaka, I.B.; Efron, U.;
Electrical and Electronics Engineers in Israel, 2004. Proceedings. 2004 23rd IEEE Convention of , 6-7 Sept. 2004
Pages:169 - 172

[Abstract] [PDF Full-Text (333 KB)] IEEE CNF



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- 3 **ITD formulation for the currents on a plane angular sector**
Albani, M.; Capolino, F.; Maci, S.; Tiberio, R.; Molinet, F.;
 Antennas and Propagation Society International Symposium, 1997. IEEE., 1997
 Digest , Volume: 3 , 13-18 July 1997
 Pages:1764 - 1767 vol.3

[Abstract] [PDF Full-Text (248 KB)] IEEE CNF

- 4 **ITD formulation for the currents on a plane angular sector**
Maci, S.; Albani, M.; Capolino, F.;
 Antennas and Propagation, IEEE Transactions on , Volume: 46 , Issue: 9 , Sept.
 1998
 Pages:1318 - 1327

[Abstract] [PDF Full-Text (452 KB)] IEEE JNL

- 5 **ITD and ILD estimation based on neural stochastic analysis**
Cohen, O.; Furst, M.; Krips, R.;
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 Convention of , 6-7 Sept. 2004
 Pages:185 - 188

[Abstract] [PDF Full-Text (331 KB)] IEEE CNF

- 6 **Auditory motion induced by visual motion and its dependence on stimulus size**
Kayahara, T.; Sato, T.;
 Virtual Reality, 2001. Proceedings. IEEE , 13-17 March 2001
 Pages:241 - 245

[Abstract] [PDF Full-Text (272 KB)] IEEE CNF

- 7 **ITD approach for predicting near field radiation by a circular horn**
Capolino, F.; Maci, S.; Mioc, F.; Tiberio, R.;
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 Digest , Volume: 1 , 18-23 June 1995
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8 **Use of VHDL synthesis in an advanced digital design course**

Reese, B.;
Southeastcon '92, Proceedings., IEEE , 12-15 April 1992
Pages:509 - 512 vol.2

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9 **A CMOS/LCOS image transceiver chip for smart goggle applications**

Efron, U.; David, I.; Sinelnikov, V.; Apter, B.;
Circuits and Systems for Video Technology, IEEE Transactions on , Volume:
14 , Issue: 2 , Feb. 2004
Pages:269 - 273

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10 **Multi-band simulation of interband tunneling devices reflecting realistic band structure**

Ogawa, M.; Tominaga, R.; Miyoshi, T.;
Simulation of Semiconductor Processes and Devices, 2000. SISPAD 2000. 2000
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Pages:66 - 69

[Abstract] [PDF Full-Text (308 KB)] IEEE CNF

11 **Tight binding simulation of quantum transport in interband tunneling devices**

Ogawa, M.; Tominaga, R.; Miyoshi, T.;
Computational Electronics, 2000. Book of Abstracts. IWCE Glasgow 2000. 7th
International Workshop on , 22-25 May 2000
Pages:28 - 29

[Abstract] [PDF Full-Text (160 KB)] IEEE CNF

12 **Echo suppression in a computational model of the precedence effect**

Martin, K.D.;
Applications of Signal Processing to Audio and Acoustics, 1997. 1997 IEEE ASSP
Workshop on , 19-22 Oct. 1997

Pages:4 pp.

[Abstract] [PDF Full-Text (416 KB)] IEEE CNF

13 **An incremental theory of diffraction formulation for circular cylinders**
Tiberio, R.; Toccafondi, A.; Maci, S.; Romani, B.;
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Digest , Volume: 2 , 21-26 July 1996
Pages:756 - 759 vol.2

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14 **Tunnelling diode technology**
Prost, W.; Auer, U.; Tegude, F.-J.; Pacha, C.; Goser, K.F.; Duschl, R.; Eberl, K.;
Schmidt, O.G.;
Multiple-Valued Logic, 2001. Proceedings. 31st IEEE International Symposium
on , 22-24 May 2001
Pages:49 - 58

[Abstract] [PDF Full-Text (880 KB)] IEEE CNF

15 **ITD formulation for corner diffraction**
Maci, S.; Tiberio, R.; Toccafondi, A.; Capolino, F.;
Antennas and Propagation Society International Symposium, 1993. AP-S.
Digest , 28 June-2 July 1993
Pages:1722 - 1725 vol.3

[Abstract] [PDF Full-Text (156 KB)] IEEE CNF

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	Search Terms
1	EXTREMUM
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20	ZERO-CROSSING
21	ZERO-CROSSINGS
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1	2710							
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3	420033							
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	U	1	Document ID	Issue Date	Pages	Title	Current OR
1	X		US 20040078160 A1	20040422	28	Method, computer program, and system for intrinsic timescale decomposition, filtering, and automated analysis of signals of arbitrary origin or timescale	702/79
2	X		WO 2004034231 A2	20040422	58	METHOD, COMPUTER PROGRAM, AND SYSTEM FOR INTRINSIC TIMESCALE DECOMPOSITION, FILTERING, AND AUTOMATED ANALYSIS OF SIGNALS OF ARBITRARY ORIGIN OR TIMESCALE	

	Current XRef	Retrieval Classif	Inventor	S	C	P	2	3	4	5	Image Doc. Displayed	PT
1			Frei, Mark G. et al.								US 20040078160	
2			FREI, MARK G et al.								WO 2004034231 A2	

	Search Terms
1	ARCSINE
2	ARCSINES
3	FREQUENCIES
4	FREQUENCY
5	FREQUENCY'S
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7	HALFS
8	HALVES
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11	NORMALISE
12	NORMALISED
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14	NORMALISING
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24	WAVES
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22	1956427							
23	855231							
24	319700							
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1	X		US 20040078160 A1	20040422	28	Method, computer program, and system for intrinsic timescale decomposition, filtering, and automated analysis of signals of arbitrary origin or timescale	702/79
2	X		WO 2004034231 A2	20040422	58	METHOD, COMPUTER PROGRAM, AND SYSTEM FOR INTRINSIC TIMESCALE DECOMPOSITION, FILTERING, AND AUTOMATED ANALYSIS OF SIGNALS OF ARBITRARY ORIGIN OR TIMESCALE	

	Current XRef	Retrieval Classif	Inventor	S	C	P	2	3	4	5	Image Doc. Displayed	PT
1			Frei, Mark G. et al.								US 20040078160	
2			FREI, MARK G et al.								WO 2004034231 A2	

	Search Terms
1	FREI-MARK
2	FREI-MARKS
3	OSORIO-IVAN
4	OSORIO-IVANS
5	((FREI-MARK.IN.) OR (OSORIO-IVAN.IN.))

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4	0							
5	27							

	U	1	Document ID	Issue Date	Pages	Title	Current OR
1	X		US 20040158119 A1	20040812		Screening techniques for management of a nervous system disorder	600/9
2	X		US 20040152958 A1	20040805		Timed delay for redelivery of treatment therapy for a medical device system	600/300
3	X		US 20040138721 A1	20040715		Vagal nerve stimulation techniques for treatment of epileptic seizures	607/45
4	X		US 20040138711 A1	20040715	61	Control of treatment therapy during start-up and during operation of a medical device system	607/3
5	X		US 20040138647 A1	20040715		Cycle mode providing redundant back-up to ensure termination of treatment therapy in a medical device system	604/890.1
6	X		US 20040138581 A1	20040715		Signal quality monitoring and control for a medical device system	600/544
7	X		US 20040138580 A1	20040715		Signal quality monitoring and control for a medical device system	600/544
8	X		US 20040138536 A1	20040715		Clustering of recorded patient neurological activity to determine length of a neurological event	600/300
9	X		US 20040138517 A1	20040715		Multi-modal operation of a medical device system	600/9
10	X		US 20040138516 A1	20040715		Configuring and testing treatment therapy parameters for a medical device system	600/9
11	X		US 20040133390 A1	20040708		Synchronization and calibration of clocks for a medical device and calibrated clock	702/178
12	X		US 20040133248 A1	20040708		Channel-selective blanking for a medical device system	607/45
13	X		US 20040133119 A1	20040708		Scoring of sensed neurological signals for use with a medical device system	600/544

	Current XRef	Retrieval Classif	Inventor	S	C	P	2	3	4	5	Image Doc. Displayed	PT
1	600/544; 604/503; 604/66; 607/2; 607/96		Osorio, Ivan et al.									
2	128/920; 600/544		Frei, Mark G. et al.									
3			Osorio, Ivan et al.									
4			Osorio, Ivan et al.								US 20040138711	
5	607/1		Osorio, Ivan et al.									
6			Frei, Mark G. et al.									
7			Frei, Mark G. et al.									
8	600/544		Frei, Mark G. et al.									
9	604/503; 604/66; 607/2; 607/96		Osorio, Ivan et al.									
10	604/503; 604/66; 607/2; 607/96		Osorio, Ivan et al.									
11			Osorio, Ivan et al.									
12			Frei, Mark G. et al.									
13	128/920; 600/300		Osorio, Ivan et al.									

	U	1	Document ID	Issue Date	Pages	Title	Current OR
14	X		US 20040082984 A1	20040429		Multi-modal system for detection and control of changes in brain state	607/105
15	X		US 20040078160 A1	20040422		Method, computer program, and system for intrinsic timescale decomposition, filtering, and automated analysis of signals of arbitrary origin or timescale	702/79
16	X		US 20030195574 A1	20031016		Vagal nerve stimulation techniques for treatment of epileptic seizures	607/9
17	X		US 20030187621 A1	20031002		Method, computer program, and system for automated real-time signal analysis for detection, quantification, and prediction of signal changes	702/189
18	X		US 20020072782 A1	20020613		Vagal nerve stimulation techniques for treatment of epileptic seizures	607/45
19	X		US 20020072776 A1	20020613		Vagal nerve stimulation techniques for treatment of epileptic seizures	607/9
20	X		US 6793670 B2	20040921		Multi-modal system for detection and control of changes in brain state	607/113
21	X		US 6768969 B1	20040727		Method, computer program, and system for automated real-time signal analysis for detection, quantification, and prediction of signal changes	702/188
22	X		US 6671556 B2	20031230		Vagal nerve stimulation techniques for treatment of epileptic seizures	607/45
23	X		US 6587727 B2	20030701		Vagal nerve stimulation techniques for treatment of epileptic seizures	607/45
24	X		US 6560486 B1	20030506		Bi-directional cerebral interface system	607/45
25	X		US 6549804 B1	20030415		System for the prediction, rapid detection, warning, prevention or control of changes in activity states in the brain of a subject	600/544
26	X		US 6341236 B1	20020122		Vagal nerve stimulation techniques for treatment of epileptic seizures	607/45
27	X		US 5995868 A	19991130		System for the prediction, rapid detection, warning, prevention, or control of changes in activity states in the brain of a subject	600/544

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14	607/113; 607/116		Osorio, Ivan et al.									
15			Frei, Mark G. et al.									
16			Osorio, Ivan et al.									
17			Nikitin, Alexei V. et al.									
18			Osorio, Ivan et al.									
19			Osorio, Ivan et al.									
20	607/99		Osorio; Ivan et al.									
21	324/76.11		Nikitin; Alexei V. et al.									
22	607/9		Osorio; Ivan et al.									
23	607/17		Osorio; Ivan et al.									
24	600/36; 600/544		Osorio; Ivan et al.									
25	600/300; 600/545		Osorio; Ivan et al.									
26			Osorio; Ivan et al.									
27	600/300; 600/545		Dorfmeister, Josef et al.									

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14	EXTREMAS
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6	48676							
7	78399							
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9	302562							
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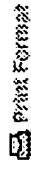
16 High current transmission and switching system for prototype 20 Tesla toroidal magnet

Sledge, R.L.; Hsieh, K.T.; Weldon, W.F.; Werst, M.D.;
Fusion Engineering, 1991. Proceedings., 14th IEEE/NPSS Symposium on , 30
Sept.-3 Oct. 1991
Pages:501 - 504 vol.1

[Abstract] [PDF Full-Text (448 KB)] IEEE CNF

17 Demonstration of a prototype high field, single-turn toroidal magnet system

Werst, M.D.; Hsieh, K.T.; Sledge, R.L.; Weldon, W.F.; Woodson, H.H.;
Fusion Engineering, 1991. Proceedings., 14th IEEE/NPSS Symposium on , 30
Sept.-3 Oct. 1991
Pages:474 - 477 vol.1



[Abstract] [PDF Full-Text (376 KB)] [IEEE CNF]

- 18 **Electromechanical analysis of the toroidal field magnets in the small and large versions of IGNITEX**
Hsieh, K.T.; Carrera, R.; Montalvo, E.; Weldon, W.F.; Werst, M.D.;
 Plasma Science, 1990. IEEE Conference Record - Abstracts., 1990 IEEE International Conference on , 21-23 May 1990
 Pages:90

[Abstract] [PDF Full-Text (124 KB)] [IEEE CNF]

- 19 **Incremental theory of diffraction: a new-improved formulation**
Tiberio, R.; Toccafondi, A.; Polemi, A.; Maci, S.;
 Antennas and Propagation, IEEE Transactions on , Volume: 52 , Issue: 9 , Sept. 2004
 Pages:2234 - 2243

[Abstract] [PDF Full-Text (656 KB)] [IEEE JNL]

- 20 **Design and analysis of an image transceiver device with a low cross-talk level**
David, Y.; Efron, U.;
 Electrical and Electronics Engineers in Israel, 2004. Proceedings. 2004 23rd IEEE Convention of , 6-7 Sept. 2004
 Pages:41 - 43

[Abstract] [PDF Full-Text (306 KB)] [IEEE CNF]

- 21 **Nonnegative deconvolution for time of arrival estimation**
Yuanqing Lin; Lee, D.D.; Saul, L.K.;
 Acoustics, Speech, and Signal Processing, 2004. Proceedings. (ICASSP '04). IEEE International Conference on , Volume: 2 , 17-21 May 2004
 Pages:ii - 377-80 vol.2

[Abstract] [PDF Full-Text (265 KB)] [IEEE CNF]

- 22 **Rotor design and control method of synchronous reluctance motor with multi-flux barrier**
Murakami, H.; Honda, Y.; Higaki, T.; Morimoto, S.; Takeda, V.;

Power Electronic Drives and Energy Systems for Industrial Growth, 1998.
 Proceedings. 1998 International Conference on , Volume: 1 , 1-3 Dec. 1998
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23 **Fourier transform convolution process in incremental scattering and diffraction**

Tiberio, R.; Toccafondi, A.; Maci, S.;
 Antennas and Propagation Society International Symposium, 1999. IEEE , Volume: 4 , 11-16 July 1999
 Pages:2890 - 2893 vol.4

[Abstract] [PDF Full-Text (156 KB)] IEEE CNF

24 **New micro-actuator for high density recording**

Lazzari, J.P.;
 Asia-Pacific Magnetic Recording Conference, 2000. APMRC 2000 , 6-8 Nov. 2000
 Pages:TP14/1 - TP14/2

[Abstract] [PDF Full-Text (100 KB)] IEEE CNF

25 **Study of grounding system safety aspects in the presence of finite heterogeneities**

Mitskevitch, N.; Ma, J.; Dawalibi, F.P.;
 Electrical Safety In Industry, 2000. Proceedings of 2000 IEEE IAS Workshop on , April 14-15, 2000
 Pages:9 - 14

[Abstract] [PDF Full-Text (440 KB)] IEEE CNF

26 **Shaping teacher preparation content according to emerging pedagogical paradigms**

Dettori, G.; Forcheri, P.; Molfino, M.T.; Moretti, S.; Quarati, A.;
 Computers in Education, 2002. Proceedings. International Conference on , 3-6 Dec. 2002
 Pages:1044 - 1048 vol.2

[Abstract] [PDF Full-Text (1430 KB)] IEEE CNF

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Pattern distortion for patch antennas on finite and faceted ground planes
Albani, M.; Menniti, F.; Schippers, H.; Maci, S.;
Antennas and Propagation Society International Symposium, 2002. IEEE , Volume: 1 , 16-21 June 2002
Pages:770 - 773 vol.1

[\[Abstract\]](#)

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A new adaptive binaural microphone array system using a weighted least squares algorithm
Nishimura, R.; Suzuki, Y.; Asano, F.;
Acoustics, Speech, and Signal Processing, 2002. Proceedings. (ICASSP '02). IEEE International Conference on , Volume: 2 , 2002
Pages:1925 - 1928

[\[Abstract\]](#)

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LBG-m: a modified LBG architecture to extract high-order neural structures
Rizzo, R.;
Neural Networks, 2001. Proceedings. IJCNN '01. International Joint Conference on , Volume: 2 , 15-19 July 2001
Pages:779 - 783 vol.2

[\[Abstract\]](#)

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30

Diffraction at artificially soft and hard edges by using incremental theory of diffraction
Maci, S.; Leoncini, M.; Neto, A.; Tiberio, R.; Toccafondi, A.;
Antennas and Propagation Society International Symposium, 1994. AP-S. Digest , Volume: 3 , 20-24 June 1994
Pages:1464 - 1467 vol.3

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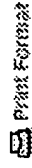
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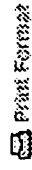
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- 46 **Dynamical coding structure in mammal auditory system revealed by optical imaging**
Fukunishi, K.; Tokioka, R.; Kawaguchi, H.; Murai, N.;
 Engineering in Medicine and Biology Society, 1998. Proceedings of the 20th Annual International Conference of the IEEE, Volume: 6, 29 Oct.-1 Nov. 1998
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- 47 **On the minimum-phase approximation of head-related transfer functions**
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[Abstract] [\[PDF Full-Text \(408 KB\)\]](#) IEEE CNF

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Wenzel, E.M.;

Applications of Signal Processing to Audio and Acoustics, 1995., IEEE ASSP Workshop on , 15-18 Oct. 1995

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[Abstract] [\[PDF Full-Text \(472 KB\)\]](#) IEEE CNF

49 **Estimating the azimuth and elevation of a sound source from the output of a cochlear model**

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50 **Vertical monopole on circular soft disk: different realizations and calculation models for the soft surfaces**

Zhinong Ying; Kildal, P.-S.;

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Pages:1495 - 1498 vol.3

[Abstract] [\[PDF Full-Text \(196 KB\)\]](#) IEEE CNF

51 **Low-power consumption and low-voltage operation PLA (L²-PLA) using 1.2 μ m double poly-silicon CMOS E² PROM technology**

Saeki, Y.; Murakami, H.; Shigematsu, T.; Shinada, K.; Takebuchi, M.; Hibi, T.; Suzuki, Y.;

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[Abstract] [\[PDF Full-Text \(284 KB\)\]](#) IEEE CNF

52 **Electromechanical analysis of a prototype 20 Tesla, single turn toroidal field coil for IGNITEX**

Hsieh, K.T.; Driga, M.D.; Weldon, W.F.; Werst, M.D.; Fusion Engineering, 1989. Proceedings., IEEE Thirteenth Symposium on , 2-6 Oct. 1989

Pages:1138 - 1141 vol.2

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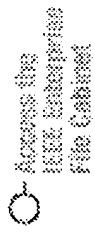
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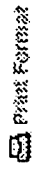
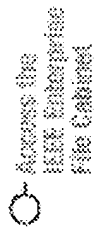
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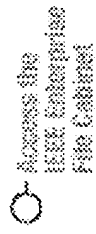
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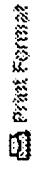
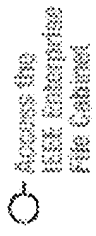
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